

DIP Switches

RoHS Compliant This product is RoHS compliant.

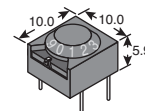
OMRON A6A SERIES: SUBMINIATURE DIP SWITCHES FOR HIGH-DENSITY PACKAGING

Specifications:

- Switching capacity: 100mA @ 28VDC
- Contact resistance: 200MΩ max.
- Dielectric strength: 500VAC
- Insulation resistance: 10MΩ min. (@ 250VDC)

Features:

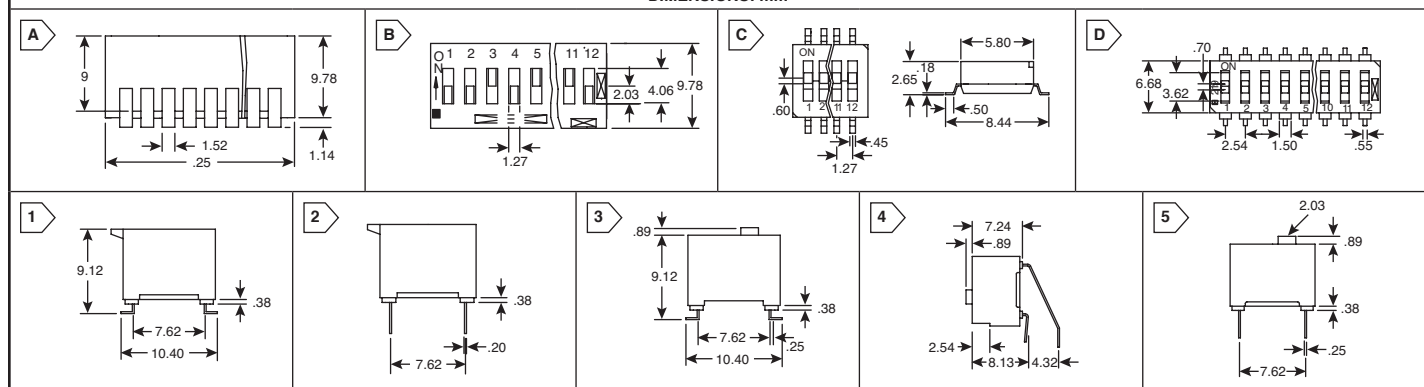
- A slider lock and rotating PCB system achieve stable contact reliability.
- Sealed construction equivalent to IP64 prevents flux penetration and provides high-contact reliability



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Output Code Type	Number of Positions	Type	Shaft Dimensions (mm)	Price Each			
						1	25	50	100
653-A6A-10R	A6A-10R	BCD 1-2-4-8	10	Standard (cone)	---	6.28	5.64	5.02	4.51
653-A6A-10RW	A6A-10RW	BCD 1-2-4-8	10	Thumbwheel	7.3	7.95	7.16	6.36	5.72
653-A6A-10CW	A6A-10CW	BCD 1-2-4-8 complement	10	Thumbwheel	7.3	7.70	7.00	6.41	5.92
653-A6A-16R	A6A-16R	BCD Hexidecimal 1-2-4-8	16	Standard (cone)	---	6.62	5.95	5.28	4.76
653-A6A-16RS	A6A-16RS	BCD Hexidecimal 1-2-4-8	16	Extended Shaft	7.3	6.77	6.09	5.41	4.87

DIMENSIONS: mm



CTS SERIES 193/194/195 SIDE ACTUATED DIP SWITCHES

Specifications:

- Series 193 and 194 - Gold plated contacts
- Series 195 - Tin plated contacts
- Operating Temperature -40°C to +85°C
- Positive detent action



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MOUSER STOCK NO.	CTS Part No.	Fig.	Length (mm)	No. of Positions	Price Each		
					1	10	100
Surface Mount							
774-1932MS	1932MS	A1	7.26	2	1.29	1.03	.902
774-1933MS	1933MS	A1	9.80	3	1.39	1.11	.977
774-1934MS	1934MS	A1	12.34	4	1.59	1.28	1.17
Thru-Hole							
774-1944MST	1944MST	A2	12.34	4	1.06	.987	.888
774-1948MST	1948MST	A2	22.50	8	1.36	1.26	1.13
774-1952MST	1952MST	A2	7.26	2	.78	.725	.657
774-1953MST	1953MST	A2	9.80	3	.88	.824	.741
774-1954MST	1954MST	A2	12.34	4	.85	.79	.713
774-1957MST	1957MST	A2	19.96	7	1.18	1.09	.979
774-19510MST	19510MST	A2	27.58	10	1.24	1.15	1.04

CTS SERIES 204 SMD MULTI-FUNCTIONAL DIP SWITCHES

Specifications:

- Gold plated contacts
- Operating Temperature -55°C to +85°C
- Coplanarity: 0.1mm / .004" max.
- PCB washable with top tape and bottom seal
- Enclosed actuators shield contacts from foreign particles throughout life of switch



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MOUSER STOCK NO.	CTS Part No.	Fig.	Length (mm)	No. of Positions	Price Each		
					1	10	100
774-2042ST	2042ST	B3	7.26	2	1.32	1.06	.949
774-2044ST	2044ST	B3	12.34	4	1.41	1.13	1.01
774-2045ST	2045ST	B3	14.88	5	1.46	1.17	1.04
774-2046ST	2046ST	B3	17.42	6	1.52	1.21	1.08
774-2047ST	2047ST	B3	19.96	7	1.57	1.26	1.12
774-2048ST	2048ST	B3	22.50	8	1.61	1.29	1.15

CTS SERIES 206RA RIGHT ANGLE PANEL DIP SWITCHES

Specifications:

- Gold plated contacts
- Designed for panel applications
- PCB washable with top tape and bottom seal
- Operating Temperature -55°C to +85°C
- Electrostatic discharge shield rated to 22KV



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MOUSER STOCK NO.	CTS Part No.	Fig.	Length (mm)	No. of Positions	Price Each		
					1	10	100
774-2062RAST	2062RAST	B4	7.26	2	1.10	1.01	.915
774-2063RAST	2063RAST	B4	9.80	3	1.18	1.08	.987
774-2064RAST	2064RAST	B4	12.34	4	1.23	1.13	1.02
774-2065RAST	2065RAST	B4	14.88	5	1.25	1.15	1.04
774-2066RAST	2066RAST	B4	17.42	6	1.32	1.21	1.10
774-2067RAST	2067RAST	B4	19.96	7	1.38	1.27	1.15
774-2068RAST	2068RAST	B4	22.50	8	1.42	1.31	1.18
774-2069RAST	2069RAST	B4	25.04	9	1.46	1.34	1.22
774-20610RAST	20610RAST	B4	27.58	10	1.58	1.45	1.31
774-20612RAST	20612RAST	B4	32.66	12	1.73	1.59	1.44

CTS SERIES 206/208 MULTI-FUNCTIONAL THRU HOLE DIP SWITCHES

Specifications:

- Series 206- Gold plated contacts
- Series 208- Tin plated contacts
- Operating Temperature -55°C to +85°C
- Contact wiping action on make and break
- Electrostatic discharge shield rated to 22KV



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MOUSER STOCK NO.	CTS Part No.	Fig.	Length (mm)	No. of Positions	Price Each		
					1	10	100
206 Unsealed							
774-2063	2063	B5	9.80	3	1.01	.93	.84
774-2064	2064	B5	12.34	4	.75	.705	.64
774-2066	2066	B5	17.42	6	1.09	1.00	.91
774-2068	2068	B5	22.50	8	.88	.812	.731
774-20610	20610	B5	27.58	10	1.09	1.00	.91
774-206124	206124	B5	22.50	4	2.08	1.91	1.73
774-206214	206214	B5	22.50	4	1.62	1.49	1.35
206 Sealed							
774-2062ST	2062ST	B5	7.26	2	.87	.806	.728
774-2063ST	2063ST	B5	9.80	3	.90	.833	.75
774-2064ST	2064ST	B5	12.34	4	.91	.835	.754
774-2065ST	2065ST	B5	14.88	5	1.00	.919	.837
774-2067ST	2067ST	B5	19.96	7	1.06	.985	.892
774-2068ST	2068ST	B5	22.50	8	1.05	.975	.886
774-2069ST	2069ST	B5	25.04	9	1.16	1.07	.976
774-20610ST	20610ST	B5	27.58	10	1.19	1.10	.99
774-20612ST	20612ST	B5	32.66	12	1.38	1.28	1.15
208 Unsealed							
774-2082	2082	B5	7.26	2	.97	.90	.81
774-2083	2083	B5	9.80	3	.90	.83	.75
774-2084	2084	B5	12.34	4	.66	.608	.556
774-2085	2085	B5	14.88	5	.70	.64	.58
774-2086	2086	B5	17.42	6	.73	.68	.61
774-2087	2087	B5	19.96	7	.77	.71	.64
774-2088	2088	B5	22.50	8	.79	.735	.661
774-2089	2089	B5	25.04	9	.85	.78	.70
774-20812	20812	B5	32.66	12	1.03	.95	.86

CTS SERIES 218/219 LOW PROFILE SMD DIP SWITCHES

Specifications:

- Gold plated contacts
- Coplanarity: 0.1mm / .004" max.
- Operating Temperature -55°C to +85°C
- Redundant, wiping contact



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MOUSER STOCK NO.	CTS Part No.	Fig.	Length (mm)	No. of Positions	Price Each		
					1	10	100
Half Pitch							
774-2182LPST	2182LPST	C	3.71	2	1.32	1.05	.93
774-2184LPST	2184LPST	C	6.25	4	1.50	1.20	1.06
774-2186LPST	2186LPST	C	8.79	6	1.72	1.37	1.21
774-2188LPST	2188LPST	C	11.33	8	1.95	1.56	1.38
774-21810LPST	21810LPST	C	13.87	10	2.17	1.74	1.54
Standard							
774-2192LPST	2192LPST	D	6.55	2	.58	.53	.48
774-2193LPST	2193LPST	D	9.09	3	.65	.60	.54
774-2194LPST	2194LPST	D	11.63	4	.72	.66	.60
774-2195LPST	2195LPST	D	14.17	5	.80	.73	.67
774-2196LPST	2196LPST	D	16.71	6	.87	.80	.72
774-2197LPST	2197LPST	D	19.25	7	.97	.88	.80
774-2198LPST	2198LPST	D	21.79	8	1.02	.94	.85
774-2199LPST	2199LPST	D	24.33	9	1.12	1.03	.93
774-21910LPST	21910LPST	D	26.87	10	1.19	1.09	.99
774-21912LPST	21912LPST	D	31.95	12	1.36	1.24	1.13